



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GO  
9/30/98  
21/7

In re the Application of

Alcino Resende de ALMEIDA

Application No: 08/859,353

Group Art Unit: 3407

Filed: May 20, 1997

Examiner: K. LEE

RECEIVED

For: SEAT FOR GATE VALVE

JUL 31 1998

AMENDMENT UNDER 37 C.F.R. 1.111

GROUP 3200

Assistant Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 26, 1998, please  
amend the above-identified application as follows:

IN THE CLAIMS:

Cancel claim 3 in its entirety and without prejudice and  
substitute therefor the following claim:

71 62 1. An apparatus for controlling gas lift in an oil well  
having a casing with tubing concentrically disposed therein, said  
apparatus comprising a gas lift valve mounted on said tubing and having  
an inlet end in communication with a space between said tubing and said  
casing and an outlet in communication with an interior of said tubing,  
said gas lift valve consisting of a housing and a nozzle mounted in said  
housing, said nozzle having a continuously open passage through which  
gas is allowed to flow, wherein said passage consists of a curved inlet  
portion through which gas flow is speeded up, a smooth straight,  
intermediate portion providing a main restriction to gas flow and a  
smooth, outwardly tapered, conical shaped outlet portion through which